

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030315\
 Data File : BM000625.D
 Acq On : 03 Mar 2015 20:22
 Operator : TP/IZ
 Sample : MDL-03-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-W

Quant Time: Mar 04 03:13:01 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 02:50:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4149	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	14518	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	7194	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	15810	0.40	ng/ul	0.02
18) Chrysene-d12	21.26	240	8669	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	6864	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.14	96	5719	1.89	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	1	0.00	ng/ul	0.01
16) Fluoranthene-d10	19.12	212	15	0.00	ng/ul	0.04

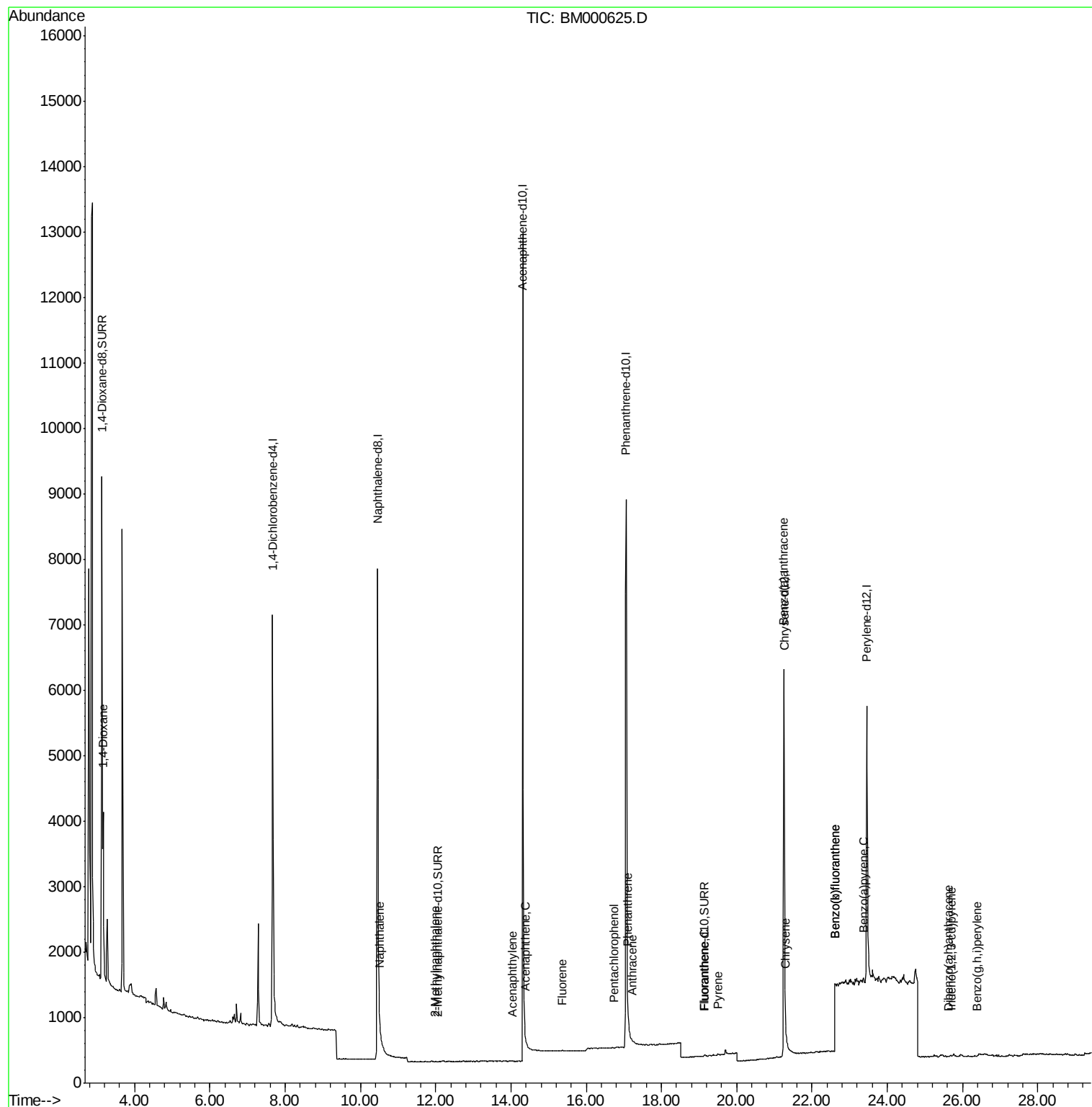
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.17	88	3676	0.78	ng/ul#	57
5) Naphthalene	10.50	128	37	0.00	ng/ul#	1
7) 2-Methylnaphthalene	11.99	142	2	0.00	ng/ul	87
9) Acenaphthylene	14.04	152	3	0.00	ng/ul#	1
10) Acenaphthene	14.38	153	6	0.00	ng/ul#	74
11) Fluorene	15.36	166	6	0.00	ng/ul#	38
13) Pentachlorophenol	16.74	266	7	0.00	ng/ul#	19
14) Phenanthrene	17.10	178	35	0.00	ng/ul#	1
15) Anthracene	17.22	178	19	0.00	ng/ul#	1
17) Fluoranthene	19.14	202	25	0.00	ng/ul#	1
19) Pyrene	19.50	202	32	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.25	228	46	0.00	ng/ul#	1
21) Chrysene	21.29	228	31	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.60	252	383	0.02	ng/ul#	1
24) Benzo(k)fluoranthene	22.60	252	383	0.01	ng/ul#	1
25) Benzo(a)pyrene	23.36	252	42	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.71	276	11	0.00	ng/ul#	1
27) Dibenzo(a,h)anthracene	25.62	278	3	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.39	276	16	0.00	ng/ul#	1

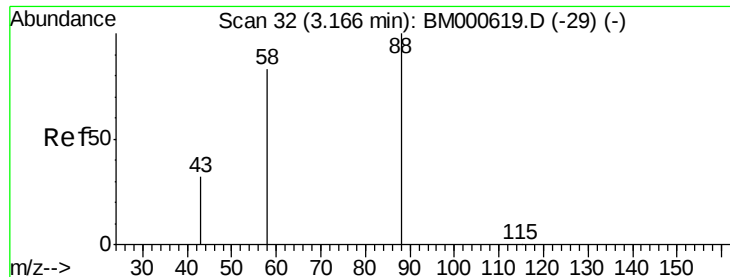
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030315\
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Quant Time: Mar 04 03:13:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 02:50:23 2015
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#3

1,4-Dioxane

Concen: 0.78 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

Instrument :

BNA_M

ClientSampled :

MDL-03-W

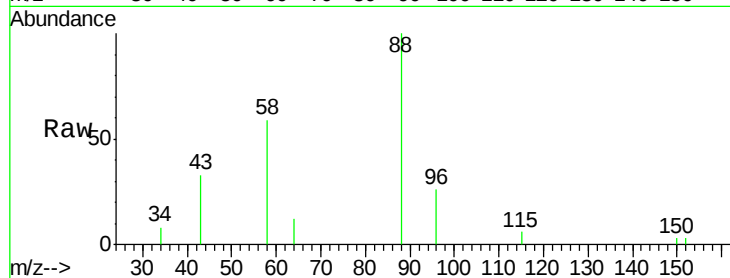
Tgt Ion: 88 Resp: 3676

Ion Ratio Lower Upper

88 100

58 38.7 55.4 83.2#

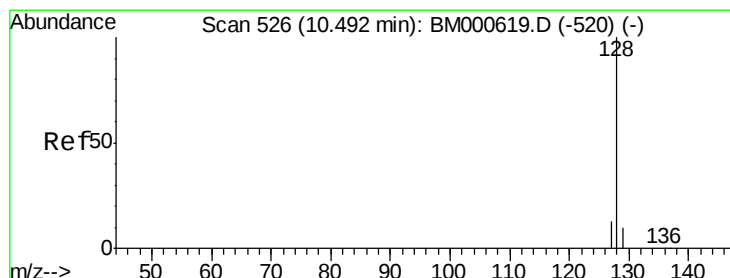
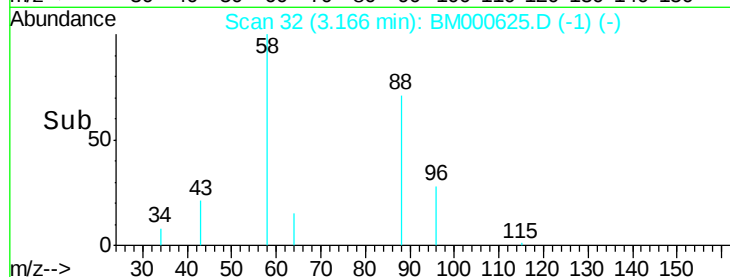
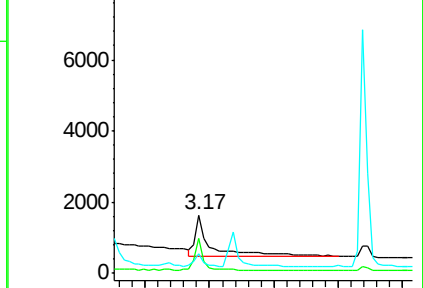
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000625.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM000625.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM000625.D (-1) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

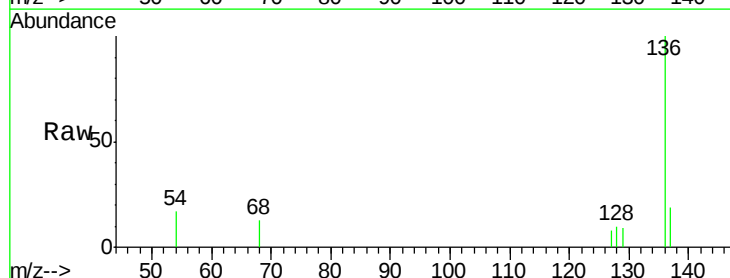
Tgt Ion: 128 Resp: 37

Ion Ratio Lower Upper

128 100

129 91.5 8.5 12.7#

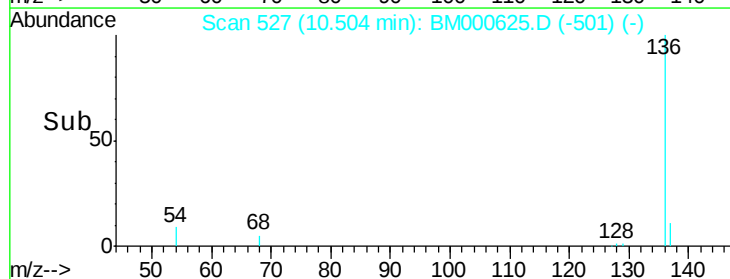
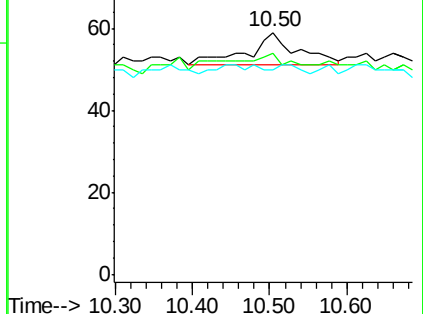
127 84.7 11.0 16.6#

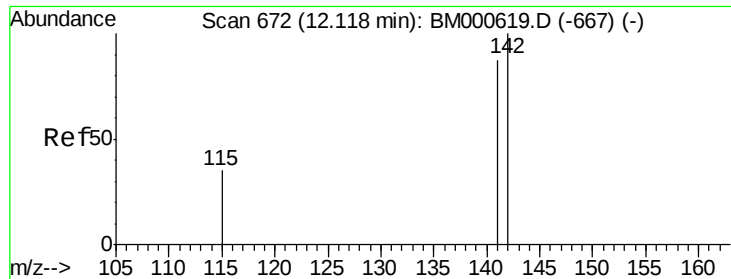


Abundance Ion 128.00 (127.70 to 128.70): BM000625.D (-501) (-)

Ion 129.00 (128.70 to 129.70): BM000625.D (-501) (-)

Ion 127.00 (126.70 to 127.70): BM000625.D (-501) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 11.99 min Scan# 660

Delta R.T. -0.12 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

Instrument :

BNA_M

ClientSampleId :

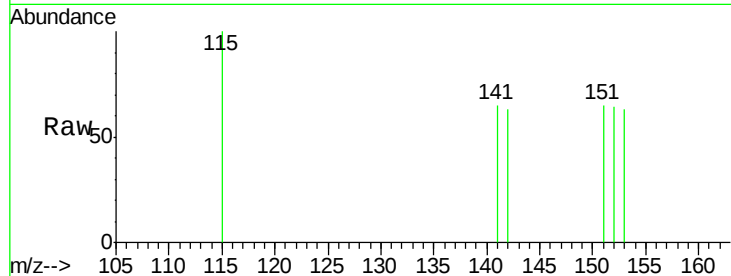
MDL-03-W

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 100.0 70.6 106.0

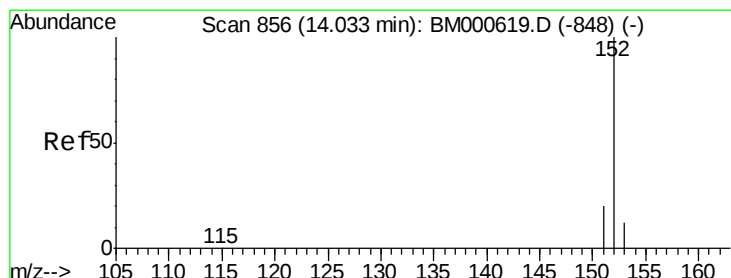
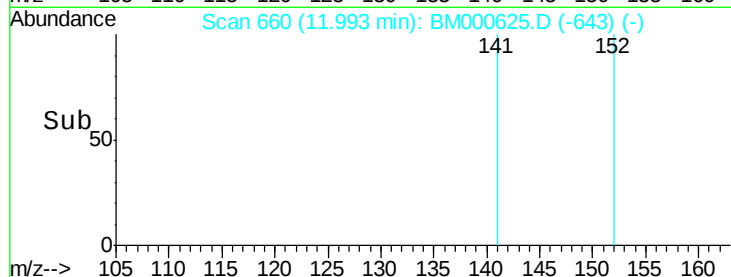


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.99

Time--> 12.00 12.05



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 857

Delta R.T. 0.01 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

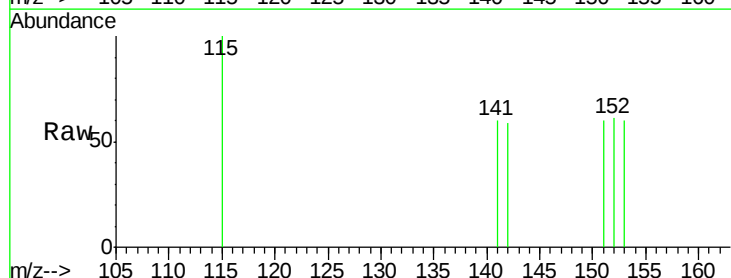
Tgt Ion:152 Resp: 3

Ion Ratio Lower Upper

152 100

151 98.0 16.0 24.0#

153 98.0 10.2 15.4#



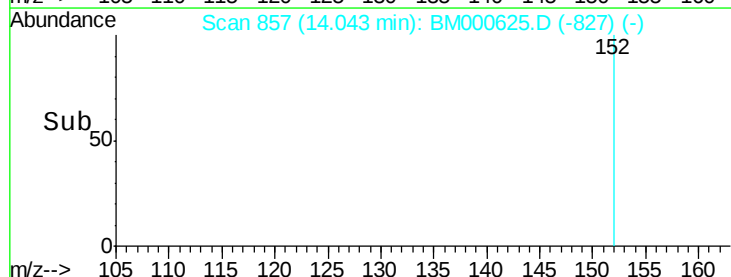
Abundance Ion 152.00 (151.70 to 152.70): E

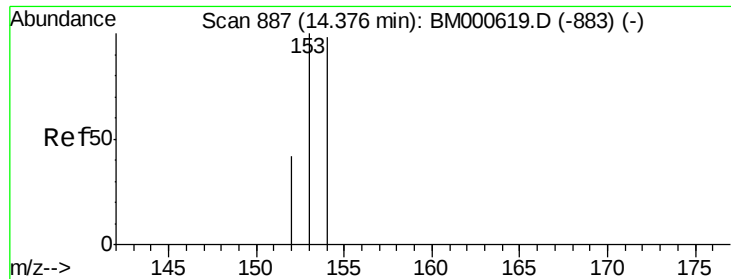
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.04

Time--> 14.00 14.05





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.38 min Scan# 887

Delta R.T. 0.00 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

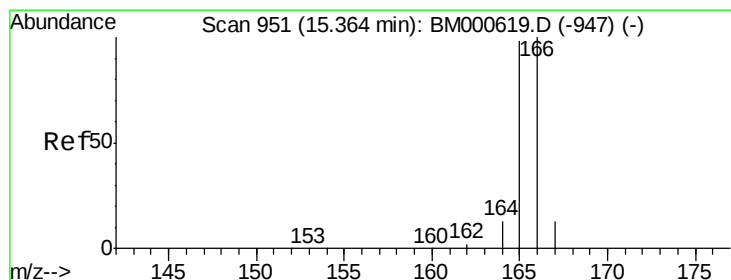
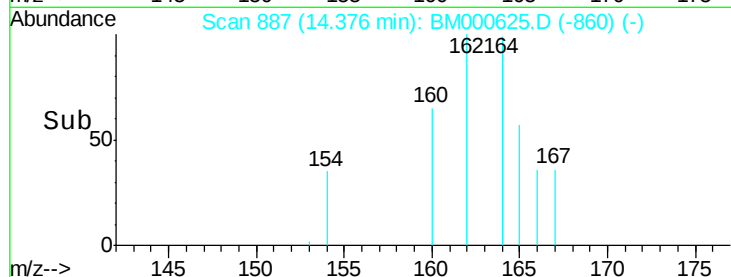
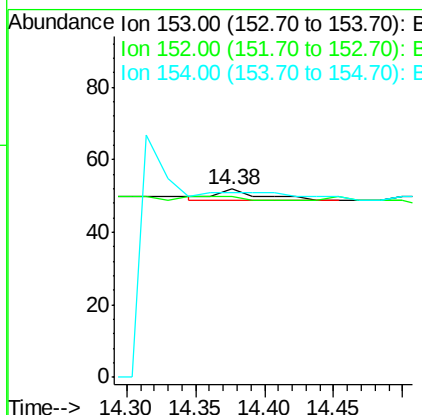
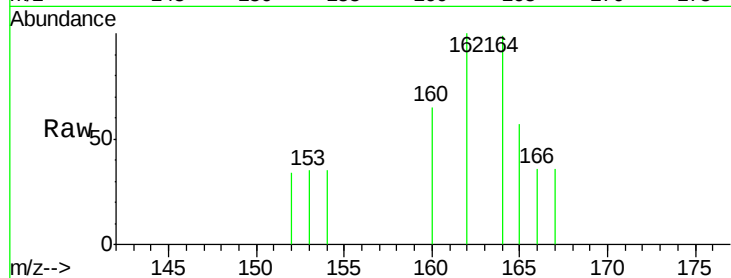
Instrument :

BNA_M

ClientSampleId :

MDL-03-W

Tgt Ion:	153	Resp:	6
Ion	Ratio	Lower	Upper
153	100		
152	96.2	34.2	51.2#
154	98.1	78.8	118.2



#11

Fluorene

Concen: 0.00 ng/ul

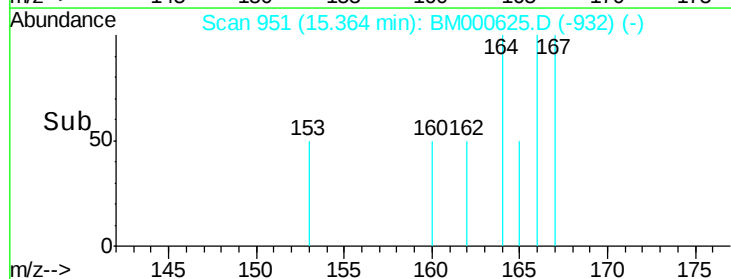
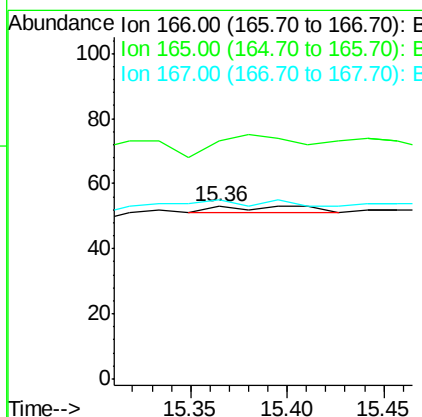
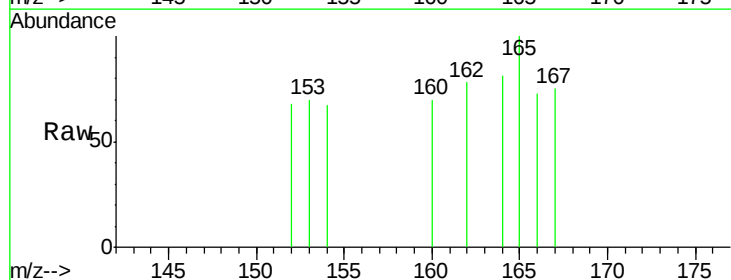
RT: 15.36 min Scan# 951

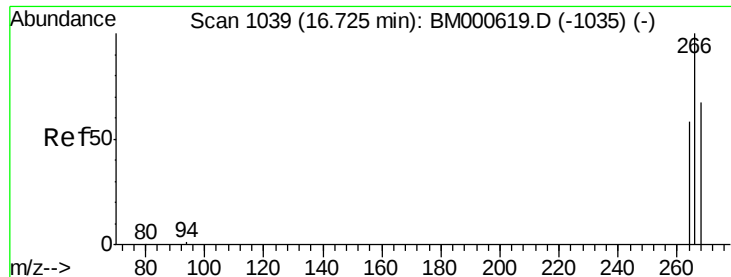
Delta R.T. 0.00 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

Tgt Ion:	166	Resp:	6
Ion	Ratio	Lower	Upper
166	100		
165	137.7	78.5	117.7#
167	103.8	10.6	16.0#





#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.74 min Scan# 1040

Delta R.T. 0.02 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

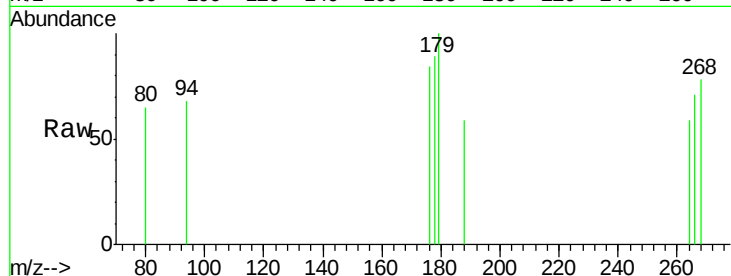
Instrument :

BNA_M

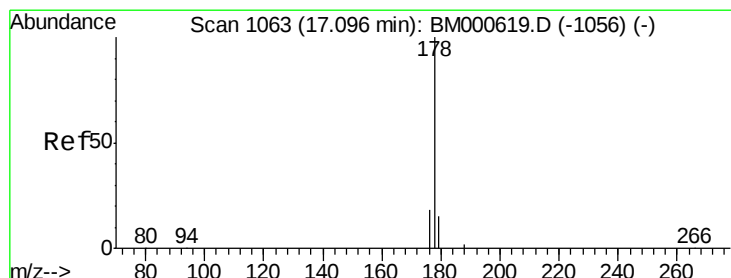
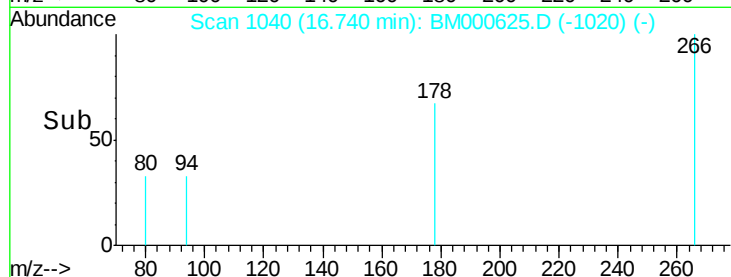
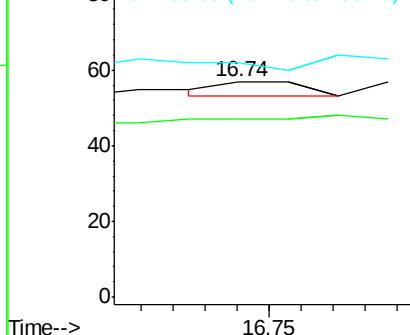
ClientSampleId :

MDL-03-W

Tgt Ion:	266	Resp:	7
Ion	Ratio	Lower	Upper
266	100		
264	0.0	51.0	76.4#
268	0.0	49.4	74.2#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



#14

Phenanthrene

Concen: 0.00 ng/ul

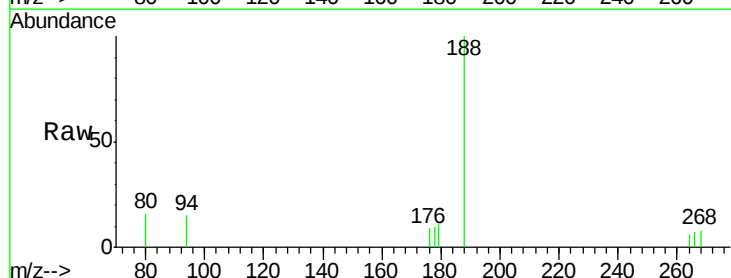
RT: 17.10 min Scan# 1063

Delta R.T. 0.00 min

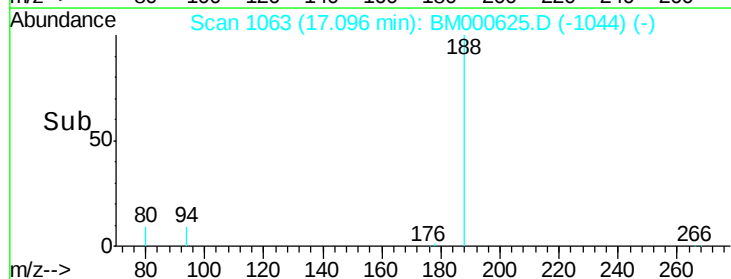
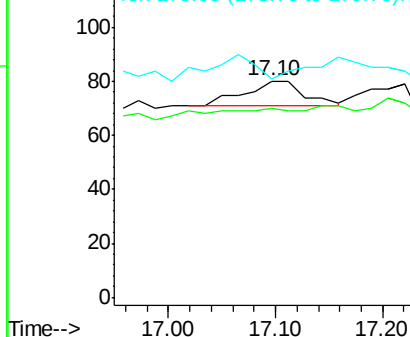
Lab File: BM000625.D

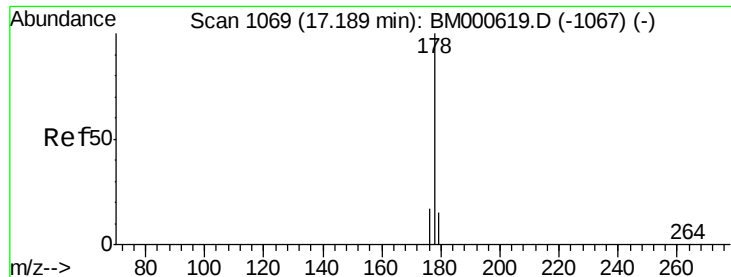
Acq: 03 Mar 2015 20:22

Tgt Ion:	178	Resp:	35
Ion	Ratio	Lower	Upper
178	100		
176	87.5	14.8	22.2#
179	101.3	12.7	19.1#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.22 min Scan# 1071

Delta R.T. 0.03 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

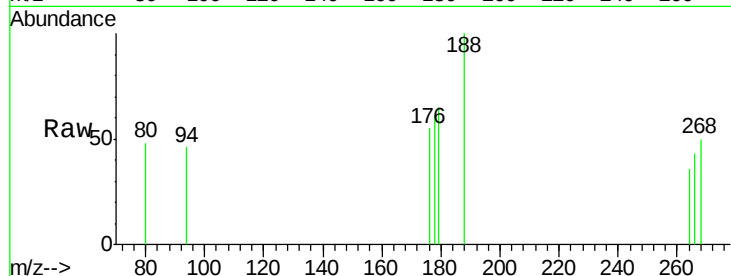
Tgt Ion:178 Resp: 19

Ion Ratio Lower Upper

178 100

176 91.1 14.2 21.4#

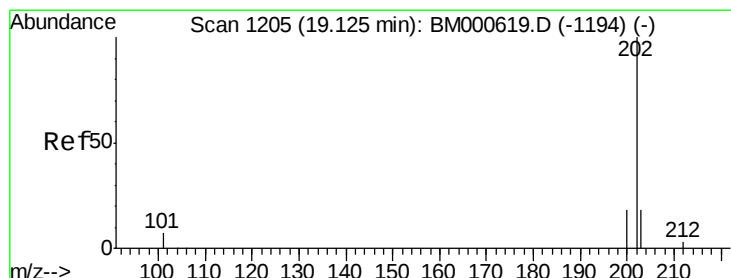
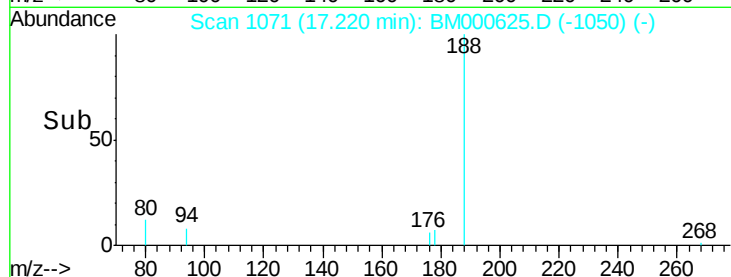
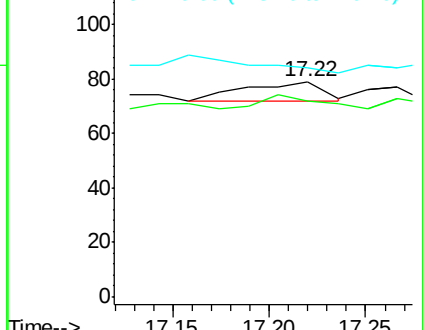
179 106.3 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.14 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

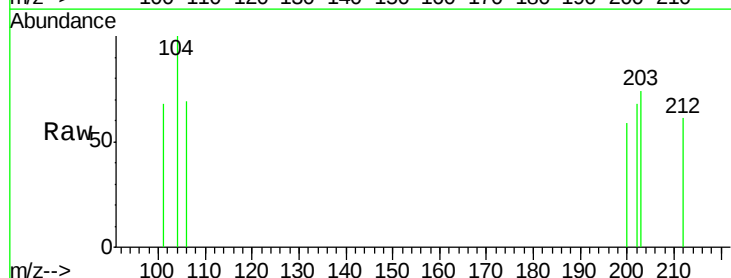
Tgt Ion:202 Resp: 25

Ion Ratio Lower Upper

202 100

101 100.0 0.0 27.0#

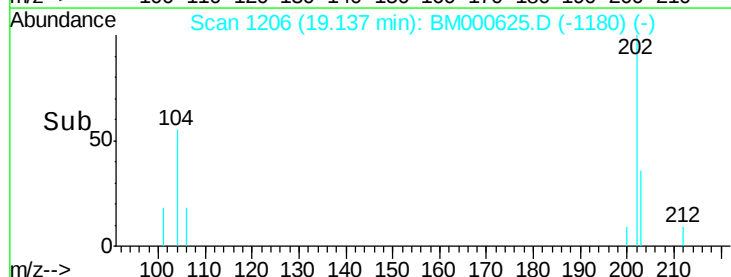
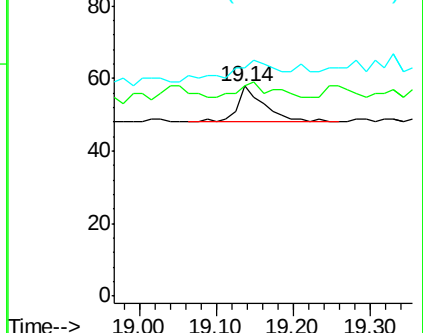
203 108.6 0.0 38.5#

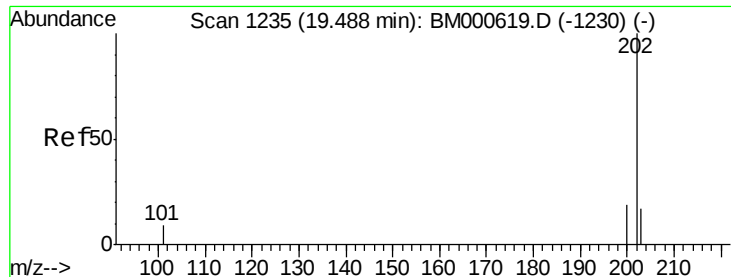


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.00 ng/ul

RT: 19.50 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

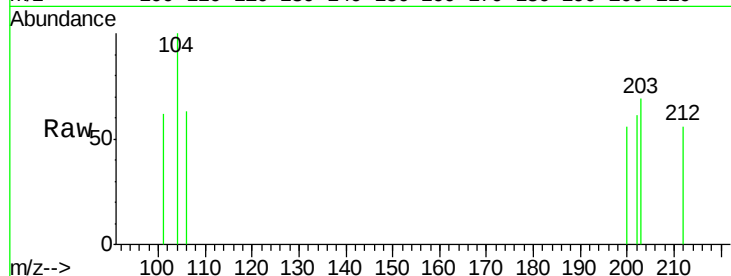
Tgt Ion:202 Resp: 32

Ion Ratio Lower Upper

202 100

200 91.4 15.5 23.3#

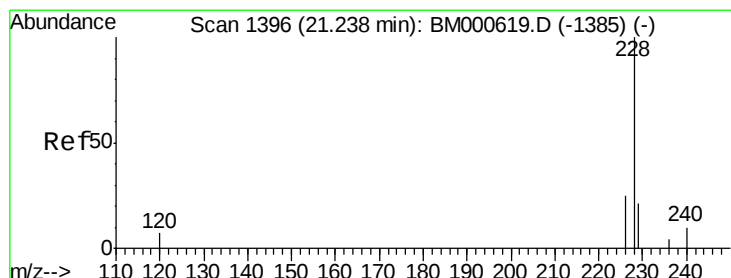
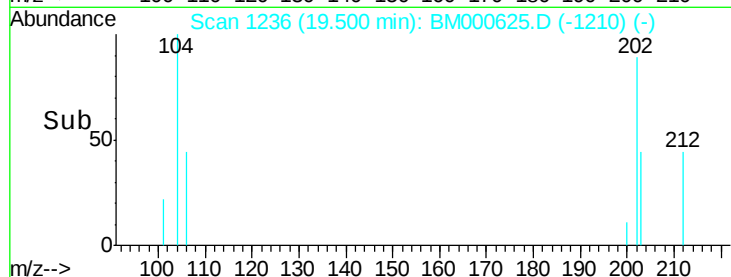
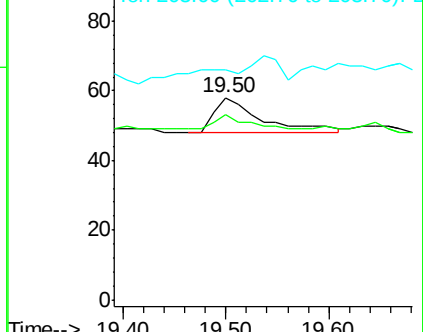
203 113.8 14.2 21.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

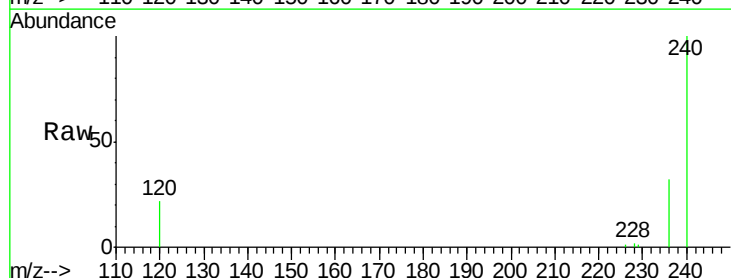
Tgt Ion:228 Resp: 46

Ion Ratio Lower Upper

228 100

226 81.2 20.0 30.0#

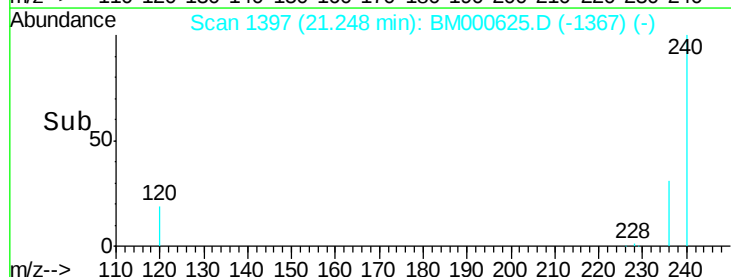
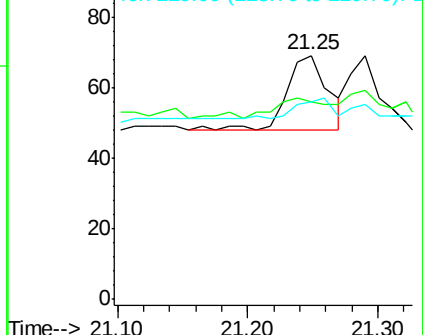
229 81.2 16.7 25.1#

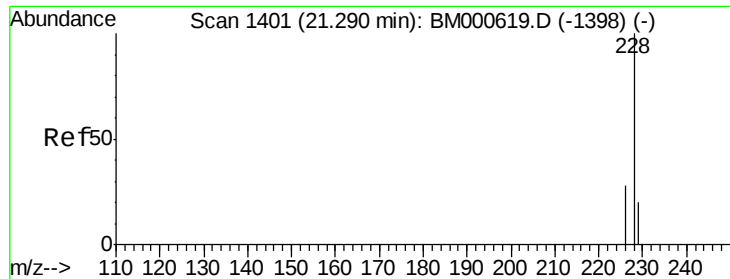


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.29 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

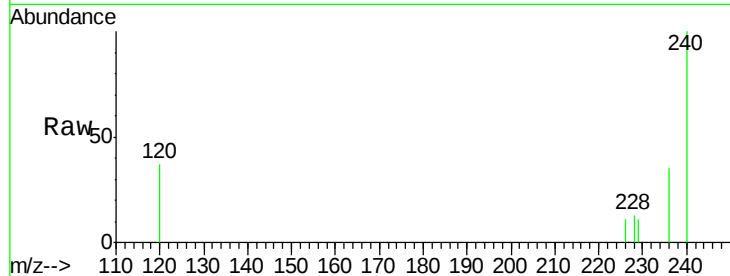
Tgt Ion:228 Resp: 31

Ion Ratio Lower Upper

228 100

226 85.5 22.6 33.8#

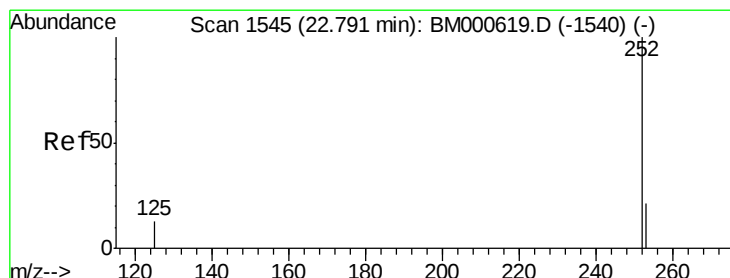
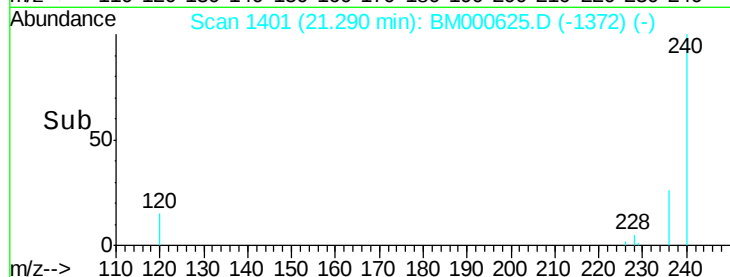
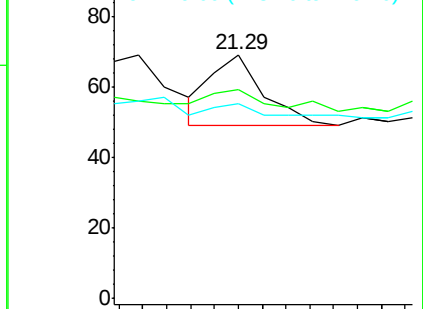
229 79.7 16.4 24.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.60 min Scan# 1527

Delta R.T. -0.19 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

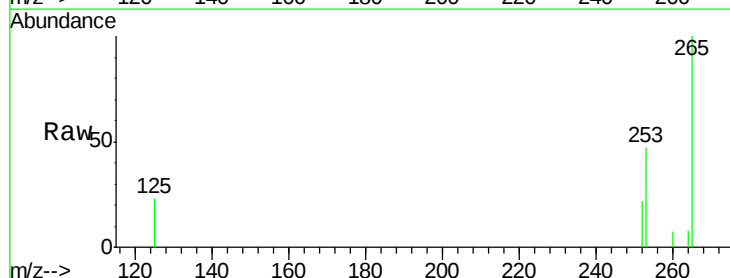
Tgt Ion:252 Resp: 383

Ion Ratio Lower Upper

252 100

253 217.5 0.0 51.2#

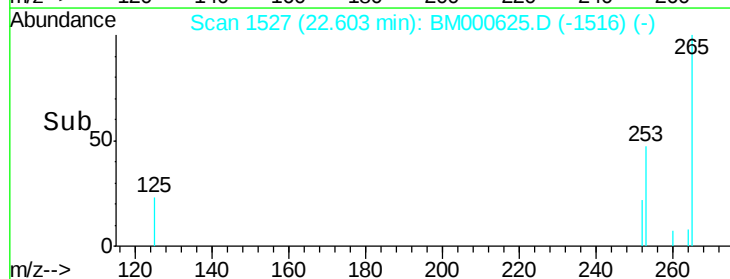
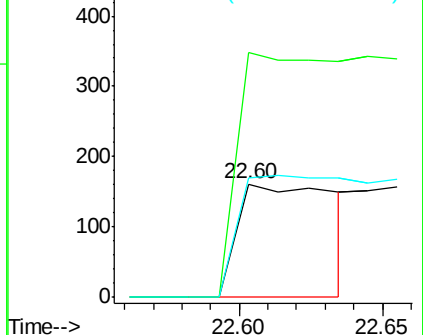
125 105.6 0.0 30.0#

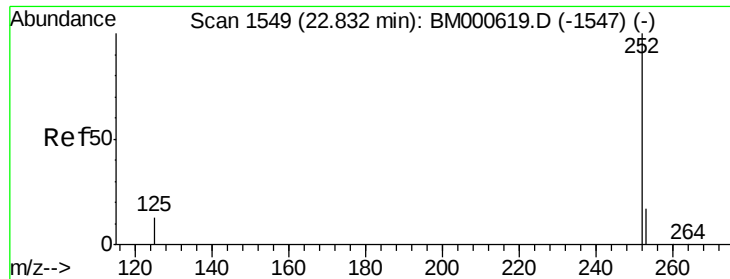


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.01 ng/u1

RT: 22.60 min Scan# 1527

Delta R.T. -0.23 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

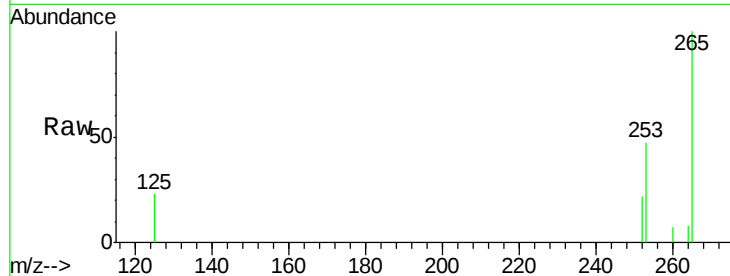
Tgt Ion:252 Resp: 383

Ion Ratio Lower Upper

252 100

253 217.5 20.5 30.7#

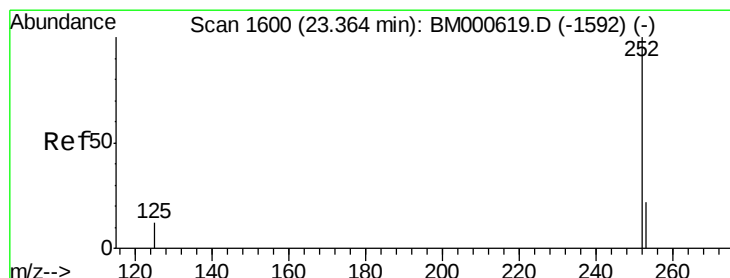
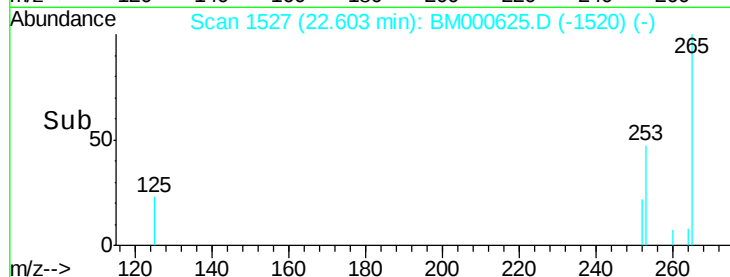
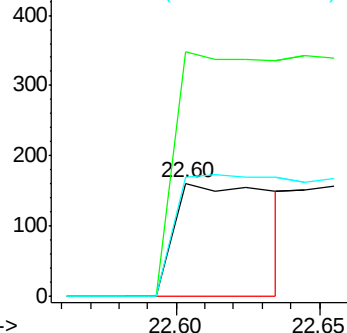
125 105.6 11.8 17.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.36 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

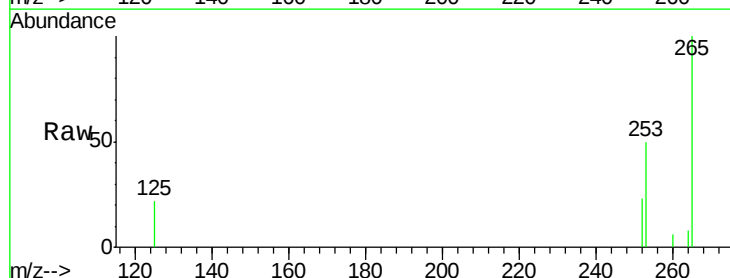
Tgt Ion:252 Resp: 42

Ion Ratio Lower Upper

252 100

253 218.9 23.4 35.0#

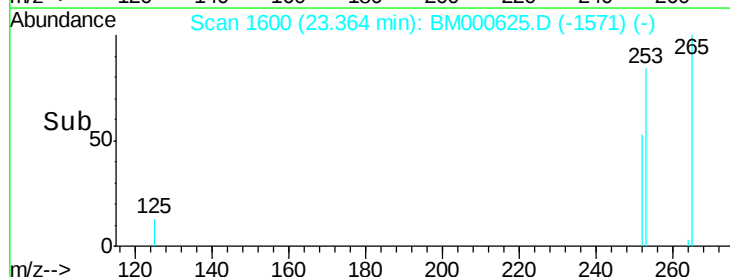
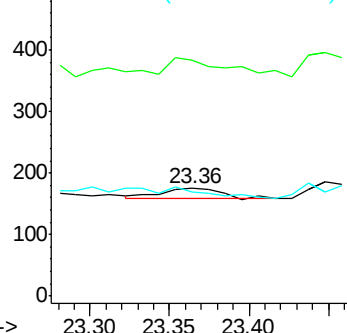
125 97.1 12.2 18.4#

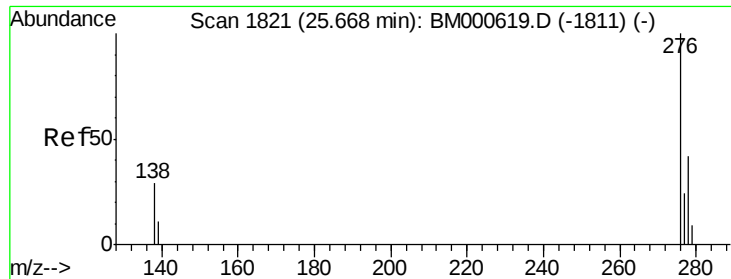


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.71 min Scan# 1825

Delta R.T. 0.04 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

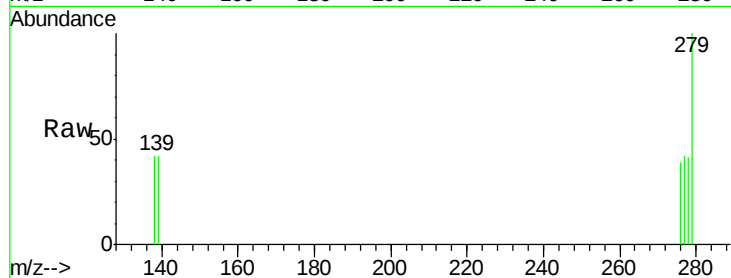
Tgt Ion: 276 Resp: 11

Ion Ratio Lower Upper

276 100

138 0.0 23.8 35.8#

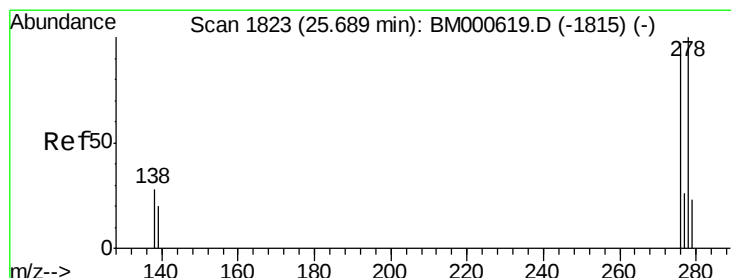
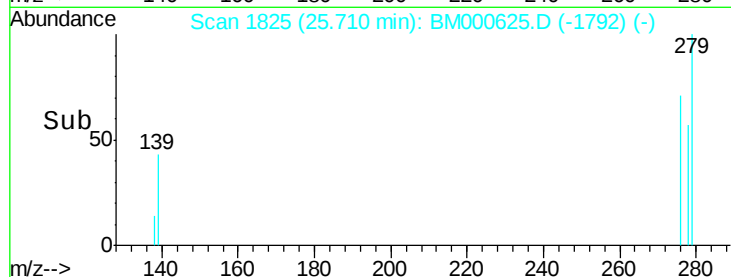
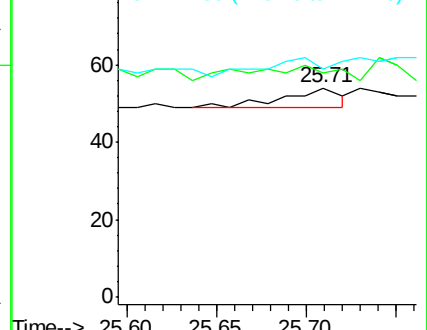
277 100.0 19.7 29.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.62 min Scan# 1816

Delta R.T. -0.07 min

Lab File: BM000625.D

Acq: 03 Mar 2015 20:22

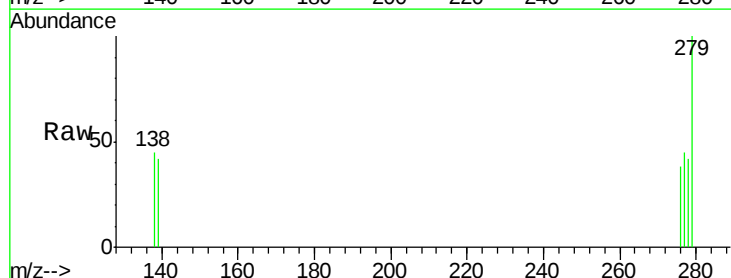
Tgt Ion: 278 Resp: 3

Ion Ratio Lower Upper

278 100

139 100.0 17.0 25.6#

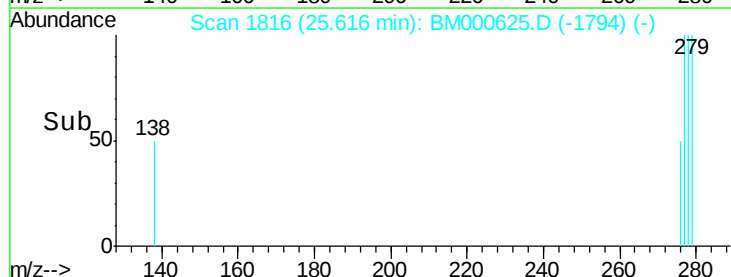
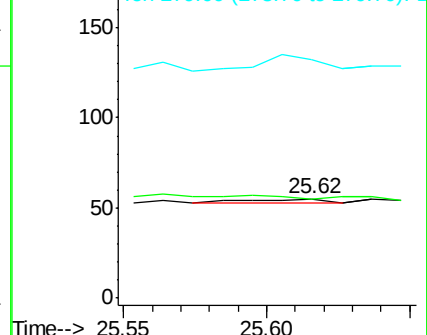
279 240.0 22.3 33.5#

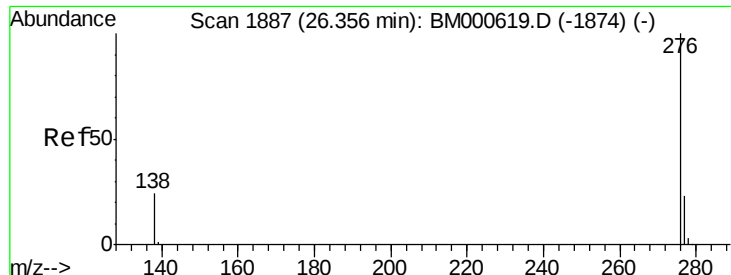


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.39 min Scan# 1890

Delta R.T. 0.03 min

Lab File: BM000625.D

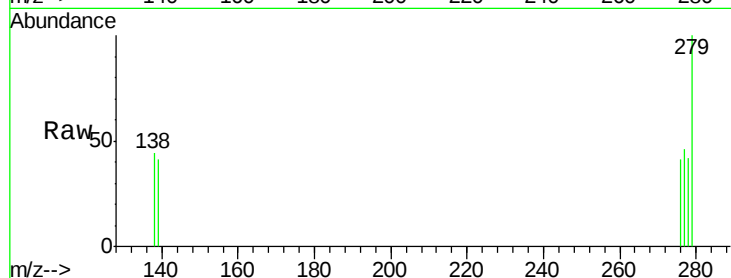
Acq: 03 Mar 2015 20:22

Instrument :

BNA_M

ClientSampleId :

MDL-03-W



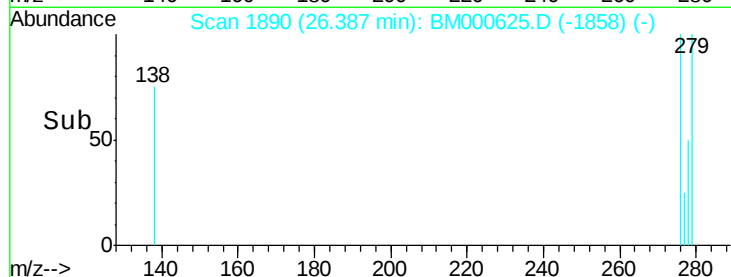
Tgt Ion: 276 Resp: 16

Ion Ratio Lower Upper

276 100

277 113.0 19.9 29.9#

138 109.3 20.6 30.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

